



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं० 46] नई दिल्ली, शनिवार, नवम्बर 14, 1998 (कार्तिक 23, 1920)
No. 46] NEW DELHI, SATURDAY, NOVEMBER 14, 1998 (KARTIKA 23, 1920)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 14th November 1998

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The Patent Office has its Head Office at Calcutta and Branch Offices at Mumbai, Delhi and Chennai having territorial Jurisdiction on a Zonal basis as shown below :—

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Diu and Dadra and Nagar Haveli,

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Saraswati Marg, Karol Bagh,
New Delhi-110 005.

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Chandigarh

Telegraphic address "PATENTOFFICE"

1—327 GI/98

Patent Office Branch,
Wing 'C' (C-4, A),
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Besant Nagar, Chennai-600 090.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu &
Pondicherry and the Union
Territories of Laccadive, Minicoy
and Aminidivi Islands.

Telegraphic address "PATENTOFFICE".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th & 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or payable to the Controller at the appropriate Offices or by bank draft or cheque payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय**एकत्व तथा अभिकल्प**

कलकत्ता, दिनांक 14 नवम्बर 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चैन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जैन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टीजी इस्टेट,
तीसरा तल, लोअर परले (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा पंजाब राज्य क्षेत्र एवं संघ
शासित क्षेत्र, यमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय शाखा,
एक स. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्र एवं संघ शासित क्षेत्र अंडीगढ़ ।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय शाखा,

विंग सी (सी-4, ए)

तीसरा तल, राजाजी भवन बसन्त नगर,

चैन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पोंडिच्चेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिवि द्वीप ।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
चित्राम पैलेस, द्वितीय बहुतनीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

तार पता - "पेटेंट्स"

भारत का अवशेष क्षेत्र ।

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीकृत सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रसिद्ध पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक
आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
चैक द्वारा की जा सकती है ।

CHANGE OF ADDRESS

The Address of service in respect of Shri H. L. Nariani is
changed as follows :

Address :

Shri H. L. Nariani,
Sindhi Society,
Bldg. No. 55, Flat No. 4,
Ground Floor,
Chembur,
Mumbai-400071.

ALTERATION OF DATE UNDER SECTION 16.

181929 (1159/Cal/1996) Ante-dated to 16th November,
1992.

181928 (1090/Cal/1996) Ante-dated to 26th February,
1992.

**APPLICATION FOR THE PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20.**

The dates shown in the crecent bracket are the dates claimed
under section 135, under Patent Act 1970.

02-09-1998

1577/Cal/98. Philips electronics N.V., "Coding device for
converting a series of m-bit information words into
a modulated signal" (Divided out of No. 136/Cal/
95 antdated to 13-02-1995).

1578/Cal/98. Philips Electronics N.V., "Decoding device for
converting a modulated signal to a series of m-bit
information words" (Divided out of No. 136/Cal/
95 antdated to 13-02-1995).

1579/Cal/98. Siemens Aktiengesellschaft, "RF coaxial angle-
connector part" (Convention No. 197466.37.0 on
22-10-97 in Germany).

1580/Cal/98. Siemens Aktiengesellschaft, "Process, mobile
station and base station for information transmis-
sion over a radio interface of a mobile communi-
cation system" (Convention No. 19747452.7 on
27-10-97 in Germany).

1581/Cal/98. Eaton Corporation, "Limited slp differential
and improved differential housing assembly there-
for" (Convention No. 08/933.790 on 19-09-97 in
U.S.A.).

1582/Cal/98. Eli Lilly & Company, "Processes and intermediates useful to make antifolates" (Convention No. 08/938,385 on 26-09-1997 in U.S.A.).

03-09-1998

1583/Cal/98. The Miller Company, "Process for manufacturing copper based alloy featuring precipitation hardening and solid-solution hardening". (Convention No. 60/057,779 on 05-09-1997 in U.S.A.).

1584/Cal/98. Glaxo Group Limited, "Substituted oxindol derivatives" (Convention No. 9718913.8 on 05-09-1997 in United Kingdom).

1585/Cal/98. Kaneka Corporation, "Process for producing N-(D- α -Methyl- β -Mercaptopropionyl)-L-proline and its intermediate" (Divided out of No. 1754 Cal/96 anti-dated to 04-10-1996) (convention Nos. 7-286886; & 8-122727; on 6-10-95 & 19-4-96; in Japan).

1586/Cal/98. Vetrotex France S.A., "Glass yarns suitable for reinforcing organic and/or inorganic materials" (Convention No. FR97/11251 on 10-09-1997 in France).

1587/Cal/98. Matsushita Electric Industrial Co. Ltd., "Echo canceler" (Convention No. 09-254105 on 04-09-97 in Japan).

1588/Cal/98. Emitech Gesellschaft Fur Emissionstechnologie MBH, "Method for producing a metallic carrier body and metallic carrier body for an exhaust gas system of an internal combustion engine" (Convention No. 19740966.0 on 17-09-97 in Germany).

4-9-1998

1589/Cal/98. Southern Refrigeration Group Pty. Ltd., "An electric Motor". (Convention No. PO8997 on 5-9-97 in Australia).

1590/Cal/98. Intel Corporation, "Apparatus for directly compressing a color image and tailoring the compression based on the color filter array, optics and sensor characteristics". (Convention No. 08/927,771 on 11-9-97 in U.S.A.).

1591/Cal/98. Siemens Aktiengesellschaft, "Low voltage circuit breaker with a switching shaft". Convention No. 19739702.6 on 4-9-97 in Germany).

1592/Cal/98. Yoshikazu Kuze, "Cooling system for an automotive engine". (Convention No. 128,019/98 on 3-4-98; 201,038/98 on 12-6-98 and 219,531/98 on 30-6-98 in Japan).

1593/Cal/98. Clariant GmbH, "Use of pigment 155 in electrophotographic toners and developers, powder coatings and inkjet inks". (Convention No. 19744097.5 on 6-10-97 and 19804899.8 on 7-2-98 in Germany).

1594/Cal/98. Indian Jute Industries' Research Association, "An improved one step process and a padding bath composition for producing durable water repellent soft and crease resistant finish on jute fibres including jute based products".

7-9-1998

1595/Cal/98. Glaxo Group Ltd., "Pyrrolopyrrolone derivatives as inhibitors of neutrophil elastase".

(Convention No. Date Country

9719183.7 9-9-1997 United Kingdom

9719189.4 9-9-1997 United Kingdom

9719290.0 10-9-1997 United Kingdom

9803611.4 21-2-1998 United Kingdom

1596/Cal/98. Joplax Co. Ltd., "Water Plug joint".

1597/Cal/98. Body Heat Ltd., "Immersible PTC heating device". (Convention No. 121915 on 7-10-97 in Israel).

1598/Cal/98. Glaxo Group Ltd., "Pyrrolopyrrolone derivatives as inhibitors of neutrophil elastase". (Convention No. 9719187.8 on 9-9-97 in United Kingdom).

1599/Cal/98. Siemens Aktiengesellschaft, "Blade for a fluid-flow machine, and a steam turbine". (Convention No. 19739318.7 on 8-9-97 in Germany).

1600/Cal/98. Perstorp AB, "Process for the production of a thermosetting laminate". (Convention No. 9703281-7 on 11-9-97 in Sweden).

1601/Cal/98. Siemens Nixdorf Informations Systeme AG., "Method for switching transaction steps". (Convention No. 19742149.0 on 24-9-97 in Germany).

1602/Cal/98. Merck Patent GmbH, "Piperidinylmethoxazolidinone derivative". (Convention No. 197393-32.2 on 9-9-97 in Germany).

1603/Cal/98. Matsushita Electric Industrial Co. Ltd., "CD-MA radio communication apparatus". (Convention No. 9-273737 on 20-9-97 in Japan).

1604/Cal/98. Clariant GmbH, "Coated ammonium nitrate bleach activator granules". Convention No. 19740669.6 on 16-9-97 in Germany).

1605/Cal/98. Clariant GmbH, "Bleach activator granules". (Convention No. 19740671.8 on 16-9-97 in Germany).

1606/Cal/98. Instituto Nacional De Investigacion, "Composition attractive to insects pertaining to the coleoptera order and its application to pest control in palm trees and related plants". (Convention No. 9701890 on 5-9-97 in Spain).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संलग्न आवेदनों में से किसी पर पेटेंट अनुदान को विरोध करने की इच्छुक कोई व्यक्ति, इसके विरोध की तिथि से चार (4) महीने या अधिक

ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकता है। विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरंभों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों का अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिस उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरंभ कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 80 K

181921

Int. Cl. : B 01 D 37/00.

BACKWASH DEVICE FOR PACKAGED AUTOMATIC FILTRATION PLANT.

Applicant : HARI MACHINES LTD., RAJGANGPUR-770 017, DIST. SUNDARGARH, ORISSA, INDIA.

Inventor : SRINIVASAN RAMAKRISHNAN.

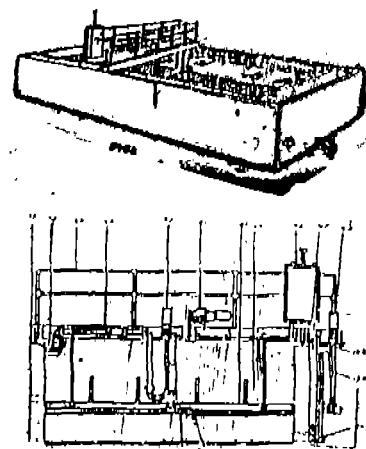
Application No. 304/Cal/94 filed on 27th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A backwash device for packaged automatic filtration plant comprising a filtration unit and a backwash device mounted in a carriage adapted to travel over the said filtration unit wherein :—

- the said filtration unit is a rapid gravity filter bed which is divided into a series of laterally constructed narrow compartment separated by cell sheets 5 each said compartmented filter bed 4 is vertically divided by layers of porous plates 9 which support the filter media 8 above and provide an underdrain channel 10 below, and
- the backwash device is provided with a cleaner box 7A suspended from the under frame of the said carriage 1A which encloses the compartmented section of the filter bed, a backwash pump 11A which dislodges the solid material deposited in the filter bed 4, a wash water pump 5A adapted to remove the wash water and the suspended solids from within the said cleaner box 7A to a wash water launder 2A and a backwash valve assembly 14A which provides the interface between the backwash pump 11A and backwash ports 11.



(Compl. Specn. 10 pages;

Drgns. 3 sheets)

Ind. Cl. : 107 F

181922

Int. Cl. : B 05 B 9/04.

A FUEL DISTRIBUTOR FOR A HIGH PRESSURE FUEL INJECTION SYSTEM.

Applicant : CUMMINS ENGINE COMPANY, INC., OF 500 JACKSON STREET, COLUMBUS, INDIANA 47201, UNITED STATES OF AMERICA.

Inventors :

1. LESTER LYNN PETERS
2. BAI MAO YEN
3. JULIUS PETER PERR.

Application No. 337/Cal/1994 filed on 6th May, 1994.

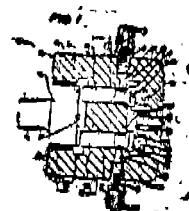
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

A fuel distributor for a high pressure fuel injection system capable of distributing fuel at a predetermined pressure through plural fuel injection lines to the corresponding cylinders of a multi-cylinder internal combustion engine, comprising :

a distributor housing including a supply inlet passage and a plurality of fuel injection outlet passages for delivering high pressure fuel from said supply inlet passage to the plural injection lines;

a distribution means mounted in said distributor housing for enabling sequential periodic fluidic communication between said supply inlet passage and said plurality of fuel injection outlet passages, said distribution means including a plurality of distributor valves, each of said plurality of distributor valves being positioned in fluidic communication with a respective one of said plurality of fuel injection outlet passages and adapted to be placed in an open position to define a fuel injection period during which high pressure fuel may flow through said distributor valve to the respective engine cylinder and a closed position blocking fuel flow through said respective fuel injection outlet passage, wherein each of said plurality of distributor valves is adapted to receive a force from the high pressure fuel flowing from said supply inlet passage which urges said distributor valve into the closed position.



(Compl. Specn. 21 pages;

Drgns. 4 sheets.)

Ind. Cl. : 125 B 4

181923

Int. Cl. : B 67 D 5/14.

PORTABLE TINTER MACHINE ADAPTED TO BE OPERABLE BY COMPUTER.

Applicant : JENSON & NICHOLSON (INDIA) LTD.,
OF 225 ACHARYA JAGADISH BOSE ROAD, CAL-
CUTTA-700 020, STATE OF WEST BENGAL, INDIA.

Inventor : ALOK GUPTA

Appdication No. 458/Cal/1994 filed on 11th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972). Patent Office, Calcutta.

9 Claims

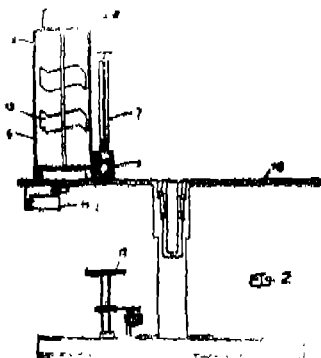
A portable type tinter machine adapted to be operable by
a computer comprising :

a rotatable turn table;

a plurality of canister for storing colourants arranged on
the turn table, each said canister being provided with agita-
tors to maintain consistency and avoid settlement of the
colourants;

a pumping unit disposed with the canister so as to dispose
desired amount of colourant from the canister through a valve
member provided with the canister;

a work table for placing the container to be filled.



(Compl. Specn. 11 pages.

Drgns. 3 sheets.)

CL : 190 A

181924

Int. Cl. : F 02 C 1/05

"MODULAR POWER PLANT FOR THE GENERATION OF ELECTRICAL ENERGY FROM SOLAR ENERGY".

Applicant HANNELORE BINSMAIER, OF GROTTEN-
WEG 4, 85253 ERDWEG GROSSBERGHOFEN, GERMANY.

Inventor : DR. WOLF JOHNSSEN.

Application No. : 633/Cal/94 filed on 8th August, 1994.

Appropriate office for opposition proceedings (Rule 4,
Patent Rule 1972) Patent Office, Calcutta.

10 Claims

A modular power plant of the generation of electrical
energy from solar energy, said power plant comprising :

a conversion module (1) for producing a biological raw
material from solar energy and comprising.

an agricultural plot cultivated with low-sulphur plants
for production of said raw material ;

a harvesting unit (4) displaceable over said plot for
harvesting said plants,

at least one processing aggregate unit (5) selected from
a chaff cutter (9) and a pelletizer (10) for harvest-
ed plants and receiving harvested plants from said

harvesting unit for forming said raw material from
the harvested plants.

means for drying said raw material with at least one of
a combustion of a fuel gas and waste heat from the
power plant and

storage means (11) receiving said raw material for com-
pensating variations in harvested quantities of the
raw material fuel to vegetation cycles;

an allothermic gasification module (2) connected to said
processing aggregate unit via a supply device (5) for
receiving said raw material from said conversion
module and transforming the received raw material
into a fuel gas, said allothermic gasification module
comprising;

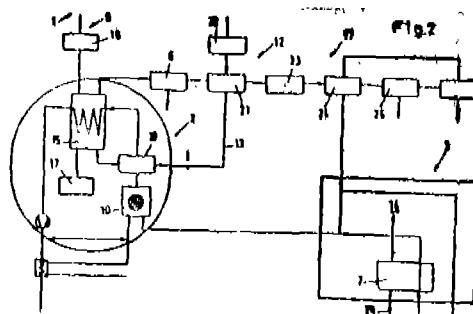
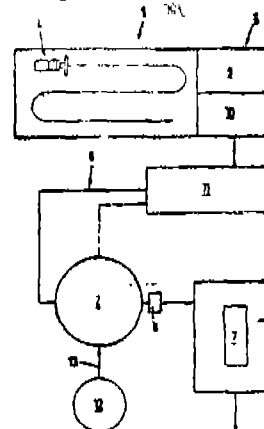
a gasification reactor (15) connected to a heat exchanger
(18) and supplied with externally produced heat and
receiving said raw material from said conversion
module and water vapor and producing said fuel gas
by an allothermic gasification at a temperature and
for a residence time sufficient to suppress tar forma-
tion in said reactor and apparatus of said plant
downstream from said reactor,

a charging device (6) connected to said storage means
with said reactor for supplying said raw material
thereto, and

a gas cleaning device (8) connected to said gasification
reactor for cleaning said fuel gas; and

a fuel cell module (3) comprising at least one fuel cell
(7) and receiving said fuel gas from said gas cleaner
and producing electrical energy therefrom said
allothermic gasification module and said fuel cell
module being performance matched so that a portion
of said fuel gas is available to produce said water
vapor and another portion of said fuel gas is avail-
able for optional combustion to dry said raw materi-
al, the plot being dimensioned to supply the raw
material for the output performance of said fuel cell
module and whereby at least principal elements of
said modules are prefabricated at a central location
and transportable to a situs of the plant in assem-
bled and disassembled state.

Fig 1



Compl. Specn. : 20 pages

Drgns. : 2 sheets.

Cl. : 102 B

181925

Int. Cl. : E 02 F 9/20.

"HYDRAULIC DRIVE SYSTEM FOR HYDRAULIC WORKING MACHINES".

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD., OF 6-2, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors :

1. KOJI ISHIKAWA
2. TOICHI HIRATA
3. GENROKU SUGIYAMA

Application No. 685/Cal/94 filed on 29th August, 1994.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

12 Claims

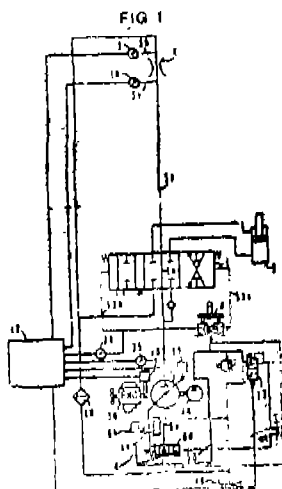
A hydraulic drive system for hydraulic working machines comprising a variable displacement hydraulic pump (2), a first actuator (3) driven by a hydraulic fluid delivered from said hydraulic pump (2), a first directional control valve (1) of center bypass type having meter-in passages (b1, b2) provided with meter-in variable restrictors (55a, 55b) and a center bypass passage (1a) provided with bleed-off variable restrictors (54a, 54b) for controlling a flow of the hydraulic fluid supplied from said hydraulic pump (2) to said first actuator (3), first operation means (8; 75, 75a, 75b, 12, 72, 73; 53a, 53b) for controlling a stroke amount of said first directional control valve (1), a low pressure circuit (45), a center bypass line (51) for connecting said center bypass passage (1a) to said low pressure circuit (45) at a point down stream of said bleed-off variable restrictors (54a, 54b) and a regulator (6) for controlling a displacement volume of said hydraulic pump (2), wherein

said hydraulic drive system further comprises first operation amount detecting means (11; 75a, 75b) for detecting a operation amount of said first operation means (8; 75, 75a, 75b, 12, 72, 73; 53a, 53b);

first target flow rate setting means (12) for setting a first target flow rate of said first actuator (3) in accordance with said operation amount detected;

flow rate determinate means (15, 16; 4, 9, 16, 5a, 5b; 12) for determining an actual actuator flow rate supplied to said first actuator (3); and

regulator control means (12, 13) for controlling the drive of said regulator (6) so that said actual actuator flow rate comes closer to said first target flow rate.



Cl. : 116 C

181926

Int. Cl. : B 65 G 45/00

"ARRANGEMENT TO STRIP UNWANTED MATTER FROM BELT BANDS IN CONVEYOR BELT INSTALLATIONS IN THE REGION OF A DRIVING AND/OR DIRECTION-CHANGING ROLLER".

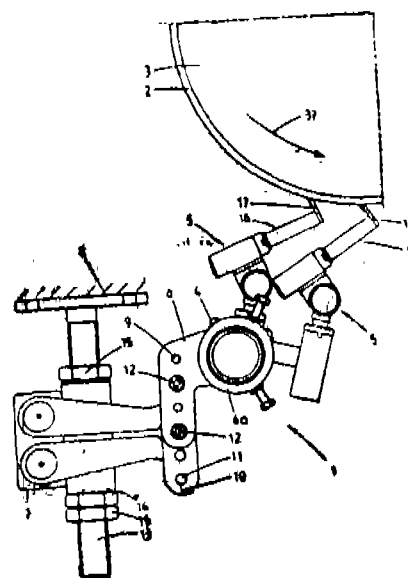
Applicant & Inventor : HANS-OTTO SCHWARZE, OF 45665 RECKLINGHAUSEN, FEDERAL REPUBLIC OF GERMANY.

Application No. : 13/Cal/95 filed on 9th January, 1995.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

12 Claims

Arrangement to strip unwanted matter from belt bands (2) in conveyor belt installations in the region of a driving and/or direction-changing roller (3) of the belt band, comprising a systems support (4) which is attached to a supporting structure for the belt band and on which at least one stripping member (5) is arranged, the stripping member comprising a scraper blade (17; 48) which is attached to a blade support (16; 49), which scraper blade, in the ready-operate position, abuts against the belt band (2) and comprises a torsion spring joint (25) on which the blade support is guided in a spring-loaded manner and so as to pivot about a horizontal pivot axis such that, when the scraper blade encounters obstacle, which rigidly adhere to the belt band, it can pivot away and subsequently again pivot back into the working position on the belt band characterized in that the blade support (16; 49) is pivotally supported by a pivot bearing (20a; 50) having a limited pivot angle, such that the scraper blade (17; 48) which abuts against the belt band (2) can adjust to changes in inclination of the belt band (2) in the immediate contact region of the scraper blade (17; 48) by pivoting automatically and in which the torsion spring joint (25) is attached to a plug-in means (26) which is arranged in a holding means (27a, 27b) which is attached to the systems support (4), the longitudinal axis (28) of the plug-in means (26) intersecting the belt band (2) at a point which, in the direction of rotation of the roller (3), is disposed upstream of the contact line (S) of the scraper blade (7; 48).



Cl. : 194 C

181927

11 Claims

Int. Cl. : H 01 J 1/88

"INLINE ELECTRON GUN HAVING IMPROVED EXPANDED FOCUS LENS ELECTRODES"

Applicant : THOMSON TUBES AND DISPLAYS, S.A.,
OF 9, PLACE DES VOSGES, I.A. DEFENCE 5, 92050
PARIS LA DEFENCE, FRANCE.

Inventors :

1. OLIVIER PIERRE TRINCHERO
2. DAVID ARTHUR
3. YVES PONTAILLIER

Application No. : 919/Cal/1995 filed on 7th August, 1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims

An inline electron gun, comprising a plurality of electrodes spaced from three cathodes, said electrodes forming at least a beam forming region and a main focus lens in the paths of three electron beams, a center beam and two side beams, said main focus lens being formed by the facing portions of two of said electrodes said facing portions comprising each a first part having a single aperture therein and a second part positioned within said first part and having three inline apertures therein; characterized in that

said first part is an apertured cup-shaped part with four spaced ledges, and said second part is an apertured plate with four corners, each of said corners having an offset, and said apertured plate being attached to said four ledges at the offsets.

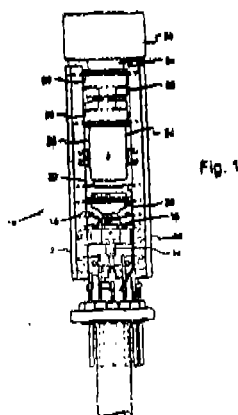


Fig. 1

Compl. Specn. : 8 pages

Drgns. : 4 sheets.

Cl. : 40 B

181928

Int. Cl. : C 08 F 4/00, 4/60, 4/64.

"PROCESS FOR THE PREPARATION OF A SOLID COMPONENT OF CATALYST FOR THE (CO) POLYMERIZATION OF ETHYLENE"

Applicant : POLIMERI EUROPA s. r. l., OF VIA ENRICO
FERMI, 4, BRINDISI, ITALY.

Inventors :

1. LUCIANO LUCIANI
2. FEDERICO MILANI
3. MADALENA PONDRELLI
4. RENZO INVERNIZZI

Application No. : 1090/Cal/1996 filed on 12th June, 1996.

(Divided out of No. 127/Cal/92 antdated to 26-02-1992).

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

Process for the preparation of a solid component of catalyst for the (co) polymerization of ethylene, containing compounds of magnesium, chlorine, silicon, titanium and at least another compound of metal selected from hafnium, zirconium and vanadium, on a granular solid carrier, the said process comprising the steps :

- (i) a compound selected from chlorides, oxychlorides and alkoxides of a metal M selected from hafnium, zirconium or vanadium is absorbed on a solid, granular and porous carrier selected from olefine or styrene polymers, silica and alumina by contact of said carrier with a solution of the said compound of metal M, in organic solvents selected from hydrocarbons, such as alkyl esters of aliphatic or aromatic carboxylic acids and aliphatic ethers, at a temperature higher than the room temperature and for a time within 0.5-2 hours followed by evaporation of the solvents;
- (ii) the product of step (i) is impregnated by contact with a solution, in an organic solvent selected from hydrocarbons, of a magnesium dialkyl or alkyl magnesium halide at a temperature from room temperature (i.e. 20—25°C) to the boiling point of the solvent used for a time from 10 minutes to 2 hours, followed by evaporation of the solvent;
- (iii) the product of step (ii) is contacted and allowed to interact with a silicon chloride at a temperature from 40 to 100°C, for a period of time of from 0.5 to 5 hours; wherein
- (iv) the product of step (iii) obtained as solid carrier is contacted and allowed to interact with a titanium alkoxide or a titanium chloroalkoxide or a mixture of titanium alkoxide and titanium chloride at a temperature from 50 to 100°C, for a time from 0.5 to 5 hours to give a solid component of catalyst, the quantity of carrier in said solid component of catalyst varying from 30 to 90% by weight, the atomic proportions among titanium, metal M, magnesium and silicon in the reagents being within the following ranges : Ti : M : Mg : Si = 1 : (0.1-3 : (1—20) : (0.1—50); and
- (v) the product of step (iv) is subjected to activation by contact with an alkyl aluminum chloride, such as isobutyl aluminium dichloride, working in suspension in an organic solvent selected from hydrocarbons, such as n-hexane, with a ration between chlorine atoms in the alkyl aluminium chloride and the alkoxy groups of the titanium alkoxide or titanium chloroalkoxide, from 0.1/1 to 10/1, at a temperature from 10 to 100°C and for a time from 10 minutes to 5 hours

Compl. Specn. : 33 pages

Drgns. : Nil.

Cl. : 62 C 2

181929

Int. Cl. : D 06 P 1/62, 1/642, 1/645.

"A PROCESS FOR THE PREPARATION OF A MODIFIED CELLULOSE FIBER MATERIAL"

Applicant : HOECHST AKTIENGESELLSCHAFT, OF
D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC
OF GERMANY

Inventors :

1. ANDREAS SCHRELL
2. WERNER HUBERT RUSS
3. THOMAS RIEHM

Application No. : 1159/Cal/1996 filed on 21st June 1996.

(Divided out of No. 835/Cal/92 antdated to 16-11-1992).

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

5 Claims

A process for the preparation of a modified cellulose fiber material modified with an amino compound which comprises subjecting a cellulose fiber material in aqueous alkaline solution having a pH between 10 to 14 at a temperature of between 60 and 230°C to the action of an amino compound selected from a saturated aliphatic compound of 3 to 15 carbon atoms which contains ester and amino groups and is unsubstituted or substituted by 1 or 2 or more hydroxy groups and contains at least one secondary, tertiary or quaternary amino groups and at least one hydrolyzable ester group in which the saturated radical (s) is (are) straight-chain, branched and/or cyclic and may be interrupted by one or more hetero groups.

Compl. Specn. : 53 pages

Drgns. : Nil.

Cl. 32 F 2 (d)

181930

Int. Cl. : C 07 D 215/00

A 01 N 33/06

"PROCESS FOR PREPARING QUINOLINE BASE".

Applicant : REILLY INDUSTRIES, INC. OF 300 N. MERIDIAN ST SUITE 1500 INDIANAPOLIS, INDIANA 46204-1763, UNITED STATES OF AMERICA.

Inventors :

1. COLIN H. McATEER
2. ROBERT D. DAVIS, SR.
3. JOEL R. CALVIN

Application No. 1268/Cal/96 filed on 11th July, 1996.

(Convention No. 60/001, 049 on 11-07-95 in U.S.A.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

16 Claims

A process for preparing quinoline base which comprises passing a vapor stream containing aldehydes and an aniline base in a respective molar ratio of at least 2 : 1 over a solid acid catalyst bed such as herein described at a temperature above 350°C so as to form a quinoline base said aldehydes including formaldehyde and a C₂-C₄ aldehyde and optionally the said vapor stream includes methanol and water.

Compl. Specn. : 31 pages

Drgns. : Nil.

Ind. Class : 69-A₁

181931

Int. Cl. : H 01 H 3/00.

A TWO-LINK, TRIP-FREE SWITCH ASSEMBLY.

Applicant : LG INDUSTRIAL SYSTEMS CO. LTD., OF 20 YOIDO-DONG, YONGDUNGPO-KU, SEOUL 150-608, KOREA, A KOREAN COMPANY.

Inventor : PAOLO M. VIANSON.

Application No. 623/Mas/91 dated August 19, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A two-link, trip-free switch assembly, comprising :

Switch means (102, 104/202, 204) movable between an opened position and a closed position; a switch lever arm assembly having a first link member comprising a switch lever arm (106/208) with a first

end coupled to said switch means and with a second end having a roller (130/212) mounted thereto, said switch lever arm assembly including means (110/210) for supporting said switch lever arm for pivotal movement about a fixed first axis between a non-tripping position in which said switch means is in the closed position and a switch-tripping position in which said switch means is in the opened position; means (150/220) for biasing the switch lever arm in the switch-tripping position; a second link member comprising a rotatable main cam member (116/230) having a cam surface for engagement with the roller mounted on said switch lever arm; movable support means (136/304) for supporting said main cam member for rotation about a movable second axis, said movable support means movable between a first fixed position and a second tripped position; tripping latch means (160/282, 280) for holding said movable support means in said first fixed position and in said second tripped position, said first fixed position causing the main cam member to engage said roller, said second tripped position causing said roller to be released from engagement with the main cam member and causing the means for biasing the switch lever arm in the switch tripping position operating to pivot the switch lever arm to the switch-tripping position so that the circuit breaker contacts are opened, independent of the position of the main cam member

(Compl. Specn.—29 pages;

Drgns—11 sheets)

Ind. Cl. : 103

181932

Int. Cl. : G 21 F 9/00.

A PROCESS FOR PREPARING METAL ARTICLES WITH RADIOACTIVELY DECONTAMINATED SURFACES.

Applicant : RECYTEC S.A., A SWISS COMPANY, OF 22, RUE JUSTE-OLIVIER, CH-1260 NYON, SWITZERLAND.

Inventors :

- (1) JOSEF HANULIK,
- (2) JEAN-FRANCOIS EQUEY.

Application No. : 730/Mas/91 filed on 25th September, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Chennai.

27 Claims

A process for preparing metal articles with radioactively decontaminated surfaces comprising contacting an article contaminated with oxidised or non oxidised radioactive substance with a decontamination agent comprising an aqueous solution of fluoboric acid of a strength of 0.05 to 50 mol/litre and at least one known oxidising agent, the said oxidising agent converting the radioactively contaminated surfaces of the article into an oxidised state, providing increased solubility of the contaminant in fluoboric acid.

(Comp. Specns. : 22 pages;

Drgns. : 4 Sheets)

Ind. Class : 116-G

181933

Int. Cl. : B 65 H 51/10.

WIRE TRANSPORT APPARATUS.

Applicant : HOOGOVS STAAL B.V. OF P.O. BOX 10.000 1970 CA IJMUIDEN, THE NETHERLANDS, A DUTCH COMPANY.

Inventors :

- (1) ANDRIED CORNELIS DE MUIJNCK,
- (2) JOHN WILLIFM HERMAN DE GROOT.

Application No. : 16/Mas/92 dated January 9, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

Wire transport apparatus having a pair of rollers having opposed peripheral running surfaces which at their nip contact the wire to drive it, one of said rollers being driven, said driven roller being mounted on an arm swingable about a pivot axis, said arm also carrying a coupling pulley connected to said driven roller to drive it in rotation, said coupling pulley being itself driven in rotation by an endless flexible element whose tension tends to cause said driven roller to apply load to said wire, wherein said pivot axis is parallel to the direction of wire travel, and the driven roller and the coupling pulley are on a common rotational axis perpendicular to the pivot axis at different distances from said pivot axis.

(Compl. Specns. : 20 pages; Drgns. : 2 Sheets)

Ind. Cl. : 172-C 181934

Int. Cl.⁴ : D 01 G 15/00.

APPARATUS FOR GRINDING CLOTHINGS.

Applicant : MASCHINENFABRIK RIETER AG., CH-8406 WINTERTHUR, SWITZERLAND, A SWISS COMPANY.

Inventors :

- (1) DEMUTH ROBERT,
- (2) FRITZSCHE PETER,
- (3) SOLTERMANN ROLAND,
- (4) HÖHLOCH ERICH,
- (5) SAUTER CHRISTIAN,
- (6) DR. MEYER URS.

Application No. : 59/Mas/92 dated January 30, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

19 Claims

An apparatus for grinding clothings which are attached to a roller (1), particularly a swift, a licker-in or a doffing cylinder of a card, or to a revolving flat of a card, with a grinding element (20, 20.1) which is held in a carrier (9, 9.1) guided in guiding means (8) and is movable jointly with the carrier (9, 9.1) guided in guiding means (8) and is movable jointly with the carrier (9, 9.1) substantially at a right angle to the direction of movement of the clothings over the whole width of the clothings to be ground by means of a flexibly guided drive belt (16, 16.1; 17, 17.1), characterized in that the drive belt is connected to the carrier (9, 9.1) in such a way and guiding means (18, 18.1, 19) for the drive belt (16, 16.1; 17, 17.1) are arranged in such a way that the space immediately between the clothings to be ground and the grinding element is substantially sealed by the grinding element and by the drive belt jointly from the space behind the grinding element.

(Compl. Specns. : 38 pages; Drgns. : 7 Sheets)

Ind. Cl. : 32 F 1. 181935

Int. Cl.⁴ : C 07 C 21/06.

AN IMPROVED PROCESS FOR THE PREPARATION OF VINYL CHLORIDE.

Applicant : HOECHST AKTIENGESellschaft, D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY, CHEMICAL MANUFACTURERS, A CORPORATION ORGANIZED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventor : (1) INGOLF MIELKE.

Application No. : 631/Mas/1992 filed on 13th October, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

An improved process for preparing vinyl chloride by thermal cleavage of 1, 2-dichloroethane in the presence of a chlorinated additive, wherein the said additive is benzo richloride.

(Compl. Specns. : 7 pages; Drgns. : N1)

Ind. Cl. : 80 B 181936

Int. Cl.⁴ : C 01 B 21/20.

A PROCESS FOR PREPARING NO_x FREE NO_x CONTAINING FLUID.

Applicant : HOECHST AKTIENGESellschaft A GERMAN JOINT STOCK COMPANY, D. 65926 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventors :

- (1) JORG VON BYSMONDT,
- (2) ANDREAS SCHLEICHER,
- (3) GEORG FRANK,
- (4) MANFRED ESCHWEY,
- (5) HANNS STRESIUS.

Application No. : 613/Mas/95 filed on 23rd May, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A process for preparing NO_x free NO_x containing fluid from NO_x containing fluid having at least one of the compounds NO_x or N₂O, said process comprising the step of passing the NO_x containing fluid having at least one of the compounds NO₂ or N₂O, through a filter bed containing poly aryleno thio-ether and collecting the filtered fluid.

(Compl. Specns. : 14 pages; Drgns. : Sheet)

Ind. Cl. : 83-A1 181937

Int. Cl.⁴ : A 23 G 3/30.

A METHOD FOR CONTINUOUSLY MANUFACTURING CHEWING GUM AND CHEWING GUM BASE.

Applicant : WM WRIGLEY JR COMPANY, OF 410 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60611, U.S.A., A U.S. COMPANY.

Inventors :

- (1) JOO H. SONG,
- (2) CHRISTA FOR E. SUNDSTROM,
- (3) DAVID W. RECORD,
- (4) DONALD J. TOWNSEND,
- (5) KEVIN B. BRODERICK,
- (6) PHILIP G. SCHNELL.

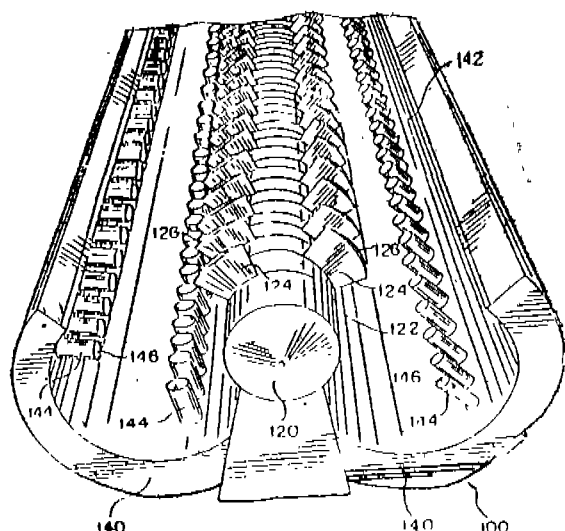
Application No. : 1119/Mas/95 dated August 30, 1995,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

22 Claims

A continuous method of manufacturing chewing gum along with the gum base comprising the steps of :

- (a) adding at least an elastomer and filler into a high efficiency continuous mixer, and mixing the elastomer and filler together in the continuous mixer;
- (b) adding at least one ingredient selected from the group consisting of fats, oils, waxes and elastomer plasticizers into the continuous mixer, and mixing said ingredients with the elastomer and filler in the continuous mixer; and
- (c) adding at least one sweetener and at least one flavour into the continuous mixer, and mixing said sweetener and flavour with the remaining ingredients to form a chewing gum product;
- (d) wherein steps (a)–(c) are performed using a single high efficiency continuous mixer, using a mixing L/D of not more than 40, wherein L represents the length of the mixing screw and D the diameter of the barrel.



(Compl Specns. : 40 pages;

Drwngs. : 5 Sheets)

Ind. Cl. : 128 I.

181938

Int. Cl.⁴ : A 61 M 15/00.

AN APPARATUS FOR AEROLIZING A POWDER.

Applicant : INHALE THERAPEUTIC SYSTEMS (A CALIFORNIA CORPORATION), OF 1001 EAST MEADOW CIRCLE, PALO ALTO, CALIFORNIA 94303, UNITED STATES OF AMERICA.

Inventors :

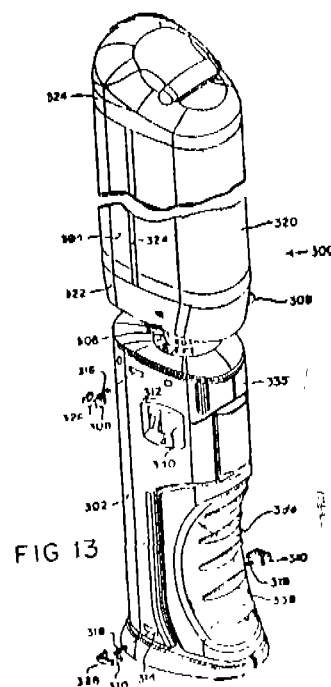
- (1) ADRIAN E. SMITH,
- (2) JOHN D. BURR,
- (3) JEFFREY W. ETTER,
- (4) GEORGE S. AXFORD,
- (5) SHIRLEY W. LYONS,
- (6) ROBERT M. PLATZ.

Application No. : 1209/Mas/95 filed on 18th September, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch,

5 Claims

An apparatus for aerolizing a powder held in a receptacle having a puncturable access surface, the said apparatus comprising a housing; a source of pressurized gas; a capture chamber attached to the housing; and a transjector assembly held within the housing, said transjector assembly having a piercing mechanism for piercing the access surface of the receptacle and for receiving pressurized gas to draw the powder from the receptacle into the capture chamber.



(Compl. Specns. : 47 pages;

Drwngs. : 25 Sheets)

Ind. Cl. : 201 D.

181939

Int. Cl.⁴ : C 02 F 1/00.

A METHOD AND APPARATUS FOR PURIFYING WASTE WATER BY INHIBITING GROWTH OF LIVING ORGANISMS.

Applicant : A Y LABORATORIES LTD., AN ISRAEL COMPANY, OF P.O. BOX 20686, TEL AVIV 61206, ISRAEL.

Inventor : AYALA BARAK.

Application No. : 1256/Mas/95 filed on 27th September, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

34 Claims

A method for purifying waste water by inhibiting growth of living organisms such as algae, fungi bacteria and the like therein comprising the steps of :

- (a) producing a predetermined dilution or a nitrogen oxidant such as sodium and calcium hypochlorite or chlorine;
- (a) producing a predetermined dilution of a source having an oxidizable nitrogen such as ammonium salts, organic amines, sulfamic acid, hydrazine, dimethylhydantoin, cyanuric acid benzotriazole or mixtures thereof;

- (c) synchronously metering the said oxidant and the said nitrogen source into a conduit in a predetermined ratio to produce in situ in the conduit an active biocidal composition; and
- (d) injecting the said active biocidal composition into the waste water to be treated to inhibit the growth of living organisms therein to obtain waste water substantially devoid of the said living organisms.

(Compl. Specns. : 35 pages;

Drwngs. : 2 Sheets)

Ind. Cl. : 55 E

181940

Int. Cl.⁴ : A 61 K 31/00; C 07 D 205/08.**PROCESS FOR THE PREPARATION OF A β -LACTAM ANTIBIOTIC.**

Applicant : CHEMFERM V O F DE BIJSTER 18 4817 HX BREDS, THE NETHERLANDS COMPANY.

Inventors :

- (1) WILHELMUS HUBERTUS JOSEPH BOESTEN,
(2) ERIC CORNELIUS ROOS,
(3) WILHELMUS JOHANNES JOSEPH VAN DEN TWEEL.

Application No. : 162/Mas/96 filed on 1st Feb., 1996.

(Convention date 2nd Feb., 1995; No. 09500081; Belgium).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

12 Claims

A process for the preparation of a β -lactam antibiotic by enzymatic acylation of a β -lactam core with an acylating agent, wherein the molar ratio between the β -lactam core and the acylating agent is maintained between 0.5 : 1 and 2 : 1, the concentration of inorganic salts in the reaction mixture is kept below 1000 : mM, where n is the valency of the anion of the said inorganic salt, such that the pH of the reaction medium does not exceed 8.5, the sum of the concentrations of the β -lactam antibiotic and the β -lactam core in the reaction mixture is maintained between 200 and 800 mM recovering the β -lactam antibiotic therefrom by known methods and if desired recycling the enzyme for successive acylation.

(Compl Specns. : 18 pages;

Drwngs. : 3 Sheets)

Ind. Cl. : 190 D; 134 B

181941

Int. Cl.⁴ : F 03 D 9/00.**WIND POWER ASSISTED VEHICLE.**

Applicant : EKANAMPETTAI SHANMUGAM MOHAN, OF DOOR NO. 48, BIG STREET, EKANAMPETTAI (VILLAGE & POST)-631 601, KANCHEEPURAM TALUK, KANCHEEPURAM (CHENGALPATTU M.G.R.) DISTRICT, TAMIL NADU, INDIA, AN INDIAN NATIONAL.

Inventor : EKANAMPETTAI SHANMUGAM MOHAN.

Application No. : 746/Mas/92 filed on 14th December, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

34 Claims

A wind power system for vehicles (or like velocipedes, tricycles and sailing vessels) comprising a wind turbine 1 whose ideally twisted super finished blades of aero-foil cross section (adapted to said vehicle) being rigidly connected to a turbine shaft 2, the said turbine shaft 2 being rotatably connected to said vehicle either top side thereof or front side

thereof with an axis of rotation that is substantially lying in a horizontal plane and is respectively either further rotatable about a vertical axis (or yawing axis) of a tubular pillar 16, the said tubular pillar 16 being rigidly connected on top of said vehicle-body (or frame) 17 or lying in a longitudinal axis of said vehicle 21, a turbine shaft housing 14 consisting of the said turbine shaft 2 being rotatably mounted atop the said tubular pillar 16 and also being rigidly connected to a tail-fin 15, the said tail-fin 15 therewith 14 being meant for yaw-control during the wind of any relative direction and a power transmission means being connected between said wind turbine 1 and the propulsion system of said vehicle for causing engagement therebetween to impart motion thereto and where-in the said wind turbine 1 with the said power transmission means operates or assists to operate the propulsion system of said vehicle especially by the contrary wind.

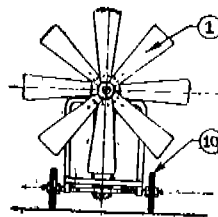


FIGURE 1. FRONT VIEW

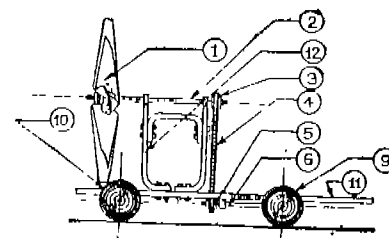


FIGURE 2. RIGHT SIDE VIEW

(Compl Specns. : 44 pages;

Drwngs. : 10 Sheets)

Ind. Cl. : 165-C

181942

Int. Cl.⁴ : D 05 B 69/36.**AN APPARATUS FOR DETECTING AN IMPROPER STITCH IN A CHAINSTITCH SEWING MACHINE.**

Applicant : THE CHARLES STARK DRAPER LABORATORY INC., 555, TECHNOLOGY SQUARE, CAMBRIDGE, MASSACHUSETTS 02139, U.S.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE STATE OF MASSACHUSETTS.

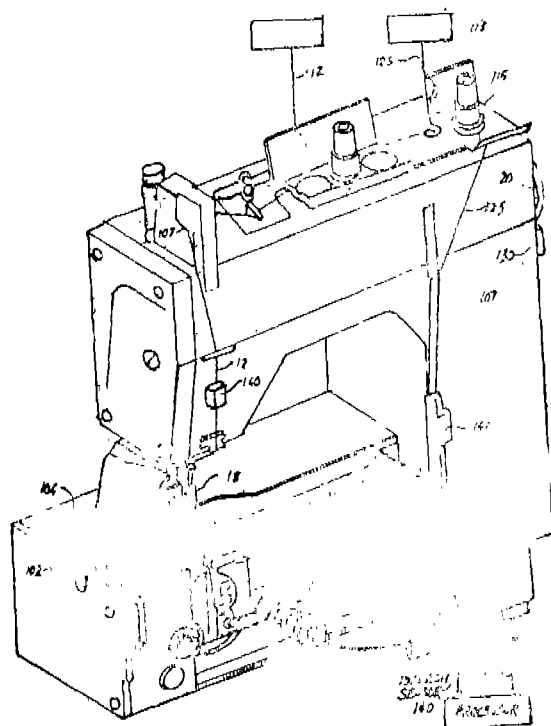
Inventor : BELLIO STEPHEN L.

Application No. : 160/Mas/93 dated March 3, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

22 Claims

An apparatus for detecting an improper stitch in a chain stitch sewing machine, having an axially reciprocal needle for incorporating at least one needle thread into a succession of stitches, said needle being movable along a longitudinal needle axis, a reciprocal needle thread take-up lever a drive motor having an output shaft and associated means for driving said needle through at least one reciprocal motion per stitch; a looper thread assembly including looper means for incorporating a looper thread and said needle thread into said stitches during one stitch cycle, and a looper thread tension assembly for delivering said looper thread to said looper means, said looper thread being disposed in part along a looper thread axis extending between said looper thread tension assembly and said looper means; the said apparatus comprising : a looper thread detection means for detecting looper thread movement along said looper thread axis between said looper thread tension assembly and said looper means during a predetermined portion of said stitch cycle; a shaft rotation detector for detecting each of said output shaft rotations; and a first signal generating means for generating a signal in response to said looper thread detection means and said shaft rotation detector means for generating a first stitch signal corresponding to said predetermined portion of said stitch cycle wherein



Drwgns. : 6 Sheets)

181943

181944

OXYGEN MEASURING PROBE.

Inventors :

(1) ALAN JOSEPH COCKER
(2) ESTHER CAROLINE BATCHELOR.

Application No. 178/Mas/93 filed on 11th March, 1993.

Convention date : 24th March, 1992. No. 9206367.6.
United Kingdom.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

35 Claims

A method of producing a uniformity characteristic corrected tire comprising the steps of providing a cured tire containing carcass reinforcing members, causing permanent deformation of at least one portion of at least one carcass reinforcing member at a location selected in response to an indication of location of the uniformity characteristic, and controlling the magnitude of the deformation to said at least one portion of said at least one carcass reinforcing member at the selected location in response to an indication of the magnitude of the uniformity characteristic.

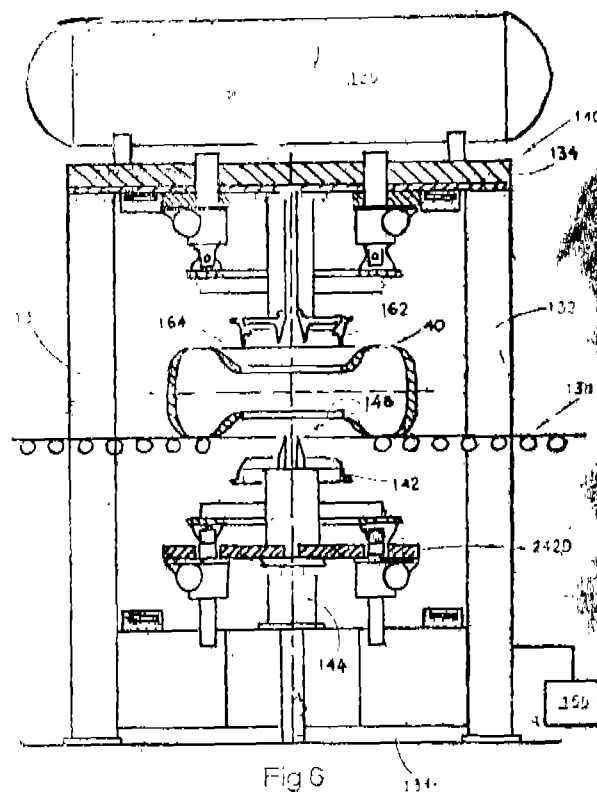


Fig 6

(Compl. : 41 pages;

Drgns. : 13 sheets)

Ind. Cl. : 126 D, 105 C

181944

Int. Cl.⁴ : G 01 G 1 /00

OXYGEN MEASURING PROBE.

Applicant : PILKINGTON PLC A BRITISH COMPANY,
OF PRESCOT ROAD, ST. HELENS, MERSEYSIDE WA10
3TT, UNITED KINGDOM.

Inventors :

(1) ALAN JOSEPH COCKER
(2) ESTHER CAROLINE BATCHELOR.

Application No. 178/Mas/93 filed on 11th March, 1993.

Convention date : 24th March, 1992. No. 9206367.6.
United Kingdom.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

An oxygen measuring probe for use with molten metal baths for the manufacture of glass, which probe comprises : a tubular probe body comprising an elongate tubular member closed by a separate tip part which is connected thereto, which tip part is formed of stabilised zirconia which constitutes a solid electrolyte through which oxygen ions can pass, said tubular member being formed; of a heat resistant material different from said zirconia; and an emf measuring device for measuring the emf generated in use between inner and outer surfaces of the zirconia tip part, wherein a thermocouple disposed in contact with an inner surface of the zirconia tip part is provided for measuring the temperature of the zirconia tip part, wherein the zirconia tip part comprises a generally annular portion received within an end of the tubular member, at which the tip part is sealed to the elongate tubular member, and a hollow relatively short portion depending therefrom of substantially conical shape which has an apex at the end of

the zirconia tip part remote from the tubular part, the thermocouple being arranged to contact the inner surface of the zirconia tip part at the apex thereof.

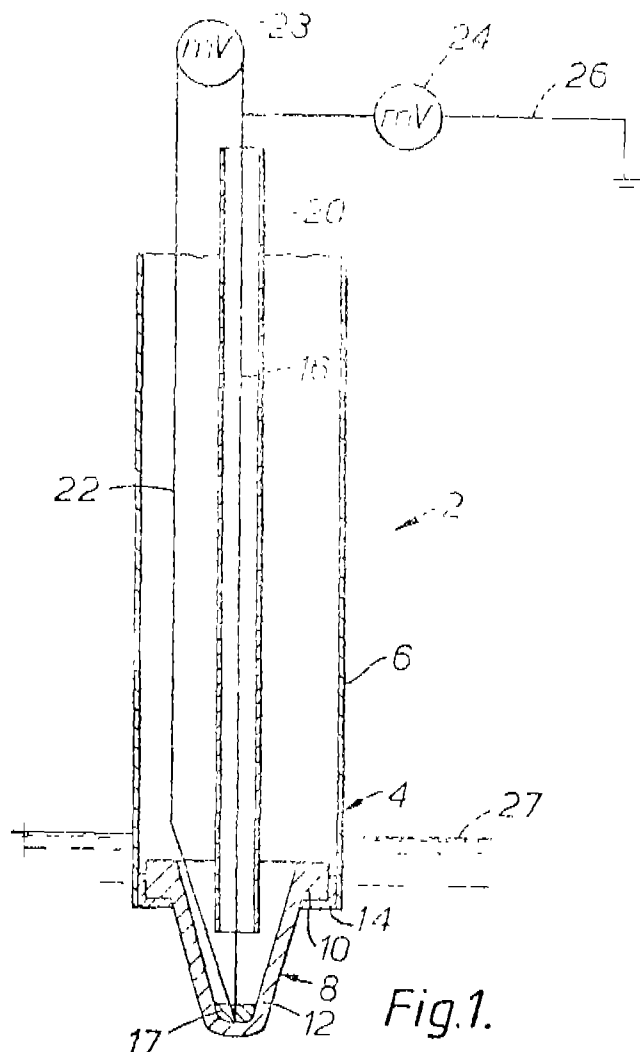


Fig. 1.

(Comp. Specn. 21 Pages)

Dwg. 2 Sheets)

Ind. Cl. : 127 C

181945

Int. Cl. : F 16 H 33/02

A ROTARY POWER TRANSMISSION DEVICE.

Applicant : REUNERT MECHANICAL SYSTEMS (PVT) LIMITED SOUTH AFRICAN COMPANY OF 8 CHRIS STREET, ALRODE, ALBERTON, TRANSVAAL PROVINCE REPUBLIC OF SOUTH AFRICA.

Inventor : I. JOHANNES ROSSOUW GROBBELAAR.

Application No. 225/Mas/93 filed on 30th March 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

16 Claims

A rotary power transmission device, suitable for transmitting rotary power, from a source of rotary power to a rotary load, selectively in at least two drive modes, the transmission device comprising :

a body;

first and second intermediate wheels which are mounted for independent rotation respectively about first and second intermediate axes which are in fixed relation to said body;

source connection means adapted drivingly to connect respectively the first and the second intermediate wheels to the source of rotary power;

load connection means adapted drivingly to connect the rotary load respectively to the first and to the second intermediate wheels;

mounting means for mounting the transmission device for movement such that said body including the first and second intermediate wheels is movable between a first operative condition and a second operative condition;

the arrangement of either the source connection means or the load connection means being such that :

when the transmission device is in said first operative condition driving connection in a first drive mode of said at least two drive modes is effected from the source of rotary power via the first intermediate wheel to the rotary load and driving connection from the source of rotary power to the rotary load via the second intermediate wheel is disconnected, and

when the transmission device is in said second operative condition, driving connection in a second drive mode of said at least two drive modes is effected from the source of rotary power via the second intermediate wheel to the rotary load and driving connection from the source of rotary power to the rotary load via the first intermediate wheel is disconnected,

the first drive mode and the second mode differing in respect of at least one of direction of rotation and speed ratio.

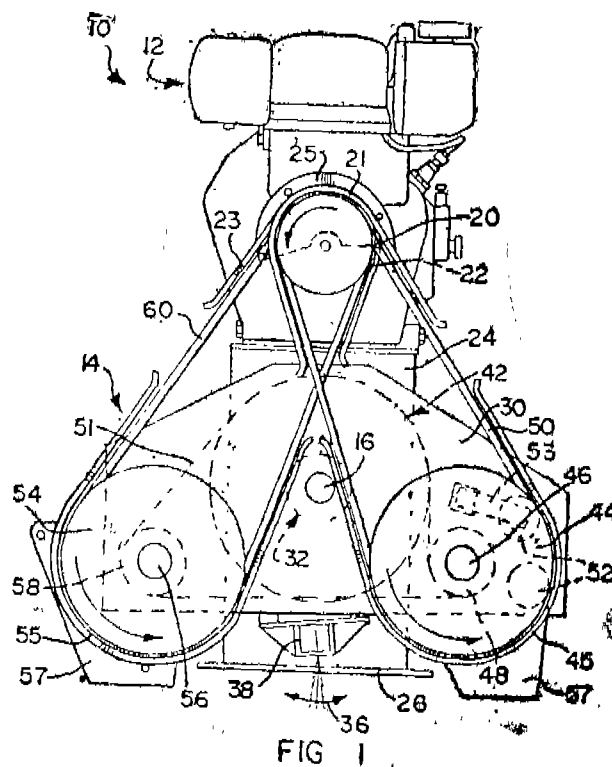


FIG 1

(Com 29 Pages)

Drwgs. 4 Sheets)

Ind. Cl. : 32 F 2 (b)

181946

Int. Cl. : C 07 D 499/00

PROCESS FOR THE EXTRACTION OF A β -LACTAM ANTIBIOTIC FROM A MIXTURE.

Applicant : CHEMFERM V OF DE BIJSTER 18 4817 HX BRED A THE NETHERLANDS A NETHERLANDS COMPANY.

Inventor : 1. WILHELMUS HUBERTUS JOSEPH BOESTEN.

Application No. 163/Mas/96 filed on 1st Feb., 1996.

(Convention date : 2nd Feb., 1995; No. 09500080; Belgium)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process for extraction of a β -lactam antibiotic such as cephalixin, amoxicillin, ampicillin, cephalor, cephradine, cephradyl, cephotaxim and the like from a mixture containing the ammonium salt of the β -lactam antibiotic and the ammonium salt of the corresponding β -lactam core, characterized in that the mixture is subjected to a physical treatment by which ammonia is released from the ammonium salts that are present and is carried off as such and the precipitated β -lactam antibiotic is recovered, by known means the said physical treatment being stripping, distillation, evaporation, gas membrane separation or electrodialysis.

Ref. cited : Indian Patent Application No. 162/Mas/96.

(Com. 14 Pages;

Drwgs. Sheet)

Ind. Cl. : 83 A 1

181947

Int. Cl. 4 : A 23 L 1/00

A PROCESS FOR PRODUCING DEOXYGENATED OIL OR OIL CONTAINING PRODUCTS.

Applicant : NOVO NORDISK A/S NOVO ALLE, 2880 BAGSVAERD, DENMARK, A DANISH JOINT-STOCK COMPANY.

Inventors :

- (1) BENT RIBER PETERSEN
- (2) THOMAS ERIK MATHIASSEN
- (3) BASTIENNE PEELEN
- (4) HENRIK ANDERSEN.

Application No. 741/Mas/96 filed on 6th May, 1996.

(Convention date 11-5-96; No. 544/95; Danish) .

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

A process for preparing a deoxygenated oil or oil containing product such as herein described comprising adding to said oil or to said product a laccase in the range from 0.01 to 100 LACU per g of oil.

(Com. 15 Pages;

Drwgs. 2 Sheets)

Ind. Cl. : 83 A1

181948

Int. Cl. 4 : A 23 G 3/00

A PROCESS FOR PRODUCING A SYRUP FOR NON-DAIRY FROZEN CONFECTION.

Applicant : AMERICAN OATS, INC., 7320 GALLAGHER DRIVE, 329 EDINA, MINNESOTA 55435 U.S.A., CORPORATION OF THE STATE OF MINNESOTA.

Inventors :

- (1) WHALEN PAUL J
- (2) MAXWELL WONALD L.

Application No. 779/Mas/96 filed on 10th May, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Chennai.

10 Claims

A process for producing a syrup for non-dairy frozen confection which exhibits selected sweetness, texture and mouthfeel characteristics while being devoid of exogenous sweeteners stabilizers, emulsifiers and proteins, the said process comprising the steps of preparing a base formulation having greater than 50% by weight of oats, oats flour, or waxy barley hybrid flour, and less than 50% by weight of other known starch sources, blending the said base formulation with water to form an aqueous slurry, liquifying the said slurry by adding α -amylase enzymes to convert the starches to dextrin, saccharifying the said liquified slurry by adding glucoamylase enzymes thereto to obtain a syrup for non-dairy confection.

(Comp. Specn. 23 Pages;

Drwgs. Nil)

Ind. Cl. : 83 A2

181949

Int. Cl. 4 : A O 13 25/00

A PROCES FOR MAKING CHEESE.

Applicant : NOVO NORDISK A/S A DANISH JOINT-STOCK COMPANY, OF NOVO ALLE, 2880 BAGSVAERD, DENMARK.

Inventor : 1. BUDTZ, PETER.

Application No. 1145/Mas/96 filed on 28th June, 1996.

Convention date 30th June, 1995 No. 0764/95. Denmark.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Chennai.

16 Claims

A process for making cheese, comprising the steps of (a) reacting cheesemilk with a transglutaminase, (b) reacting the product resulting from step (a) with a milk coagulating enzyme, (c) separating whey from the coagulate, and (d) processing the coagulate into cheese by known means.

(Comp. Specn. 20 Pages;

Drwg. Nil)

Ind. Class : 32-F2

181950

Int. Cl. 4 : C 07 D 231/00

C 07 C 139/00.

A PROCESS FOR THE PREPARATION OF 1, 2-DIMETHYL-3, 5-DIARYLPYRAZOLIUM METHYLSULFATES.

Applicant : BASF AKTIENGESSELLSCHAFT, OF 67056, LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY, A GERMAN JOINT-STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventors :

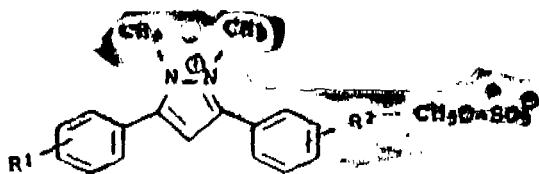
- (1) HANS RUPERT MERKLE,
- (2) ERICH FRETSCHEMER.

Application No. : 1379/Mas/96 dated August 5, 1996.

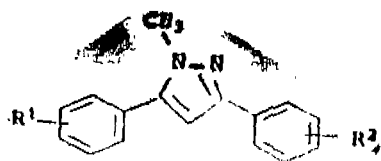
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

2 Claims

A process for the preparation of 1, 2-dimethyl-3, 5-diaryl-pyrazolium methylsulfates of the general formula I



where R¹ and R² independently of one another are hydrogen, C₁-C₄-alkyl, C₃-C₆-cycloalkyl, C₁-C₄-alkoxy, halogen, nitro, C₁-C₄-haloalkyl, aryl or other substituents which are inert under the reaction conditions, which comprises reacting 1-methyl-3, 5-diarylpyrazoles of the general formula II



where R¹ and R² have the abovementioned meanings with

- (a) methanol and SO₃,
- (b) methanol and sulfuric acid and/or
- (c) methanol and methylsulfuric acid at a temperature from 60 to 300°C.

(Compl. : 11 pages)

CLAIM UNDER SECTION 20 (1) OF THE PATENT ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 520/Cal/93 (179567) made by Dr. Subrata Pal, Dr. A. Pal and Dr. T. K. Pal has been allowed to proceed in the name of National Research Development Corporation.

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 322/Cal/93 (179992) made by clear Cut Limited has been allowed to proceed in the name of clear Cut S. T. Technologies (1997) Ltd.

OPPOSITION PROCEEDINGS

An Opposition entered by M/s. Bio-Ved Pharmaceuticals Private Limited, Pune to the grant of a patent to the application No. 180503 (546/Del/93) has been dismissed and the application for patent has been ordered to proceed for sealing.

An Opposition entered by M/s. Natural Remedies Private Limited Bangalore to the grant of a patent to the application No. 180503 (546/Del/93) has been dismissed and the application for patent has been ordered to proceed for sealing.

CESSATION OF PATENTS

169786 169810 169855 169978 169985 169989 169997 170013
170016 170017 170019 170020 170025 170032 170036 170041
170053 170063 170064 170070 170080 170086 170122 170140
170147 170165 170168 170170 170171 170173 170199 170210
170225 170268 170302 170321 170324 170330 169535.

PATENT SEALED ON 16-10-98

180051 180052 180053 180054 180055* 180056* 180057
180058* 180059* 180060 180061 180062 180063 180064*
180065 180069 180072 180074 180075* 180076* 180078*
180079* 180080 180081 180082 180083 180084 180085
180086 180087* 180088 180089* 180090 180091 180092*
180093 180094* 180095 180096 180097 180098 180099
180100

CAL-NIL, DEL-33, MUM-NIL, CHEN-10

*Patent shall be deemed to be endorsed with words Licence of Right Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. Nos. 173026 to 173031, Amber System Seating Private Limited of Round Industries Compound, Ono, Shreyas Cinema, L. B. S. Marg, Ghatkopar (W), Mumbai-400086, Maharashtra, India, Indian company, "Chair", 27th January 1997.

Class 3. Nos. 173017 to 173020, The Goodyear Tire & Rubber Company, a corporation organised under the laws of the State of Ohio with offices at 1144 East Market Street, Akron, Ohio 44316-001, U.S.A., "Tyre Tread", 27th January 1997.

Class 3 No. 173015, Rakesh Kumar Gupta, an Indian national of 11/A, Devendra Mullick Street, Calcutta-700073, W. Bengal, India, "Multipurpose Trolley", 24th January 1997.

Class 3. No. 173016, Rakesh Kumar Gupta, an Indian national of 11/A, Devendra Mullick Street Calcutta-700073, W. Bengal, India, "Almirah Stand", 24th January 1997.

Class 3. No 173093 Rakesh Kumar Gupta, an Indian national of 11/A, Devendra Mullick Street, Calcutta-700073, W. Bengal, India, "Stand", 3rd February 1997.

Class 3. No 173094 Rakesh Kumar Gupta, an Indian national of 11/A, Devendra Mullick Street Calcutta-700073, W. Bengal, India, "Stool", 3rd February 1997.

Class 3. Nos. 173022 to 173025, Lensel Optics Pvt. Ltd., of 66/2, D II, M.I.D.C. Area, Chinchwad, Pune-411019, Maharashtra, India, Indian company, "Magnifier", 27th January 1997.

Class 3. Nos. 173043 & 173044, Suhar Madhukar Apte and Kaustubh Madhukar Apte, both Indian national trading under the name of A & P Engineers, an Indian regd. partnership firm having office at 303, Shalaka, Maharshi Karve Road, Mumbai-400021, Maharashtra, India, "Toy Puzzle", 27th January 1997.

Class 4. Nos. 173045 & 173046, Suhar Madhukar Apte and Kaustubh Madhukar Apte, both Indian national trading under the name of A & P Engineers, an Indian regd. partnership firm having office at 303, Shalaka, Maharshi Karve Road, Mumbai-400021, Maharashtra, India, "Toy Puzzle", 27th January 1997.

Class 4. Nos. 173099 & 173100, Reckitt & Colman Products Limited, a British company of One Burlington Lane, London W4 2RW, United Kingdom, "Bottle", 10th August 1996 (Reciprocity date).

Class 4. Nos. 173033 to 173036 and 173038, Sona Ceramic of Old Ghuntu Road, Morbi-363642, Gujarat, India, Indian partnership firm, "Wash Basin", 27th January 1997.

Class 4. No. 173039, Sona Ceramic of Old Ghuntu Road, Morbi-363642, Gujarat, India, Indian partnership firm, "Water Closet", 27th January 1997.

Class 10. Nos. 173085 to 173087, Dhupar Shoe Aid Pvt. Ltd., 7/82, Tilak Nagar, Kanpur (U.P.), India, a separate entry body which are regd. under the provision of Comp. Act, 1936, "The Soles of Footwear", 3rd February 1997.

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Number :—~~166306~~, 166308, 166309, 166310, 166217—Class-01.

Number :—165901, 165897, 165895, 165896, 166219, 166218, 166222, 166221, 165902, 165899, 165900, 166391, 166220—Class-10.

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Number :—159620, 174185, 170650, 170473, 172434, 165570, 172166, 172438, 171392, 165527—Class-03.

Number :—160394, 160395, 159939, 159938, 160392, 160393, 160267, 160268, 160269, 160270, 160271, 160272—Class-10.

H. D. THAKUR

Controller General of Patent, Design & Trade Marks

प्रबन्धक, भारत सरकार सूचनालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1998

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1998